

Technical Datasheet 1100-211X

1) Product Description:

PBT grade 1100-211X is a medium viscosity general purpose injection grade PBT featuring good toughness and rigidity.

2) Applications:

Auto Parts, Electrical and Electronic Devices, Home Appliances, Safety devices.

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Specific Gravity	ASTM D792	g/cm ³	1.31
Molding Shrinkage-Flow	ASTM D 955	%	1.6
Water Absorption (Equilibrium, 23 °C, 60% RH)	ASTM D 570	%	0.2
Tensile Strength at Yield (23 °C)	ASTM D 638	MPa	55
Flexural Modulus	ASTM D 638	MPa	2450
Notched Izod Impact (23 °C)	ASTM D 256	J/m	60
Deflection Temperature Under Load (1.8 MPa, Unannealed) (0.45 MPa, Unannealed)	ASTM D 648	°C	60 155
Melting Temperature	--	°C	225
Volume Resistivity	--	Ohm.cm	1E+15
Surface Resistivity	--	ohm	1E+13
Flame Rating	UL94	--	HB

* Typical values not to be construed as specifications.